NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 19781/2042

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, Express Mail Label No. EV241829937US on this date, June 20, 2003, postage prepaid, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Name of Person Mailing Paper
Signature of Person Mailing Paper

	Signature of Person Mailing Paper									
Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450										
Enclosed herewith is a new patent application of:										
	Enclo		_ -							
		First Named Inventor (or application identifier): Vladimir I. Slepnev								
Œ.	5 21	Title of Invention: Methods of Detecting Sequence Differences New Continuation of:								
Type:	\square									
		Continuation-in-Part of:								
		Divisional of:								
which is hereby incorporated by reference in is entirety into the application filed herewith;										
_		cludes the following papers:								
1.			ecification 58 pages (including specification, claims, abstract)/75 claims (6 independent)							
2.		Declaration/Power of Attorney is: Executed Unexecuted Executed copy from Parent Application NOT included, but deferred under 37 C.F.R. § 1.53(f).								
3.	\boxtimes	2 Distinct sheets of ☐ Formal ☐ Informal Drawings								
4.	\boxtimes	Application Data Sheet								
5		Preliminary Amendment.								
6.		Information Disclosure Statement Form 1449 A copy of each cited prior art reference								
7.		Assignment with Recordation Cover Sheet.								
8.		Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application(s):								
Country		Application Number		Date of Filing (day, month, year)						
US		60/392,331		28 June 2002						
9.		Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):								
Application Number				Date of Filing (day, month, year)						
				Duk	(uay, monui, year)					
10.		Priority is hereby claime	ed under 35 U.S.C.	§ 121 based upon the	following application(s):					
		Application Number		Date of Filing (day, month, year)						

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The a	bove ap	plications from which priority is claimed are her	eby incorpora	ted in their e	ntirety into the	application filed					
11.		Priority document(s).									
12.		Microfiche Computer Program (Appendix).									
13.		Nucleotide and/or Amino Acid Sequence Submission. Computer Readable Copy. Paper Copy (identical to computer copy). Statement verifying identity of above copies.									
14.		Request for Non-Publication and Certification under 35 USC 122 (b)(2)(B)(i)									
15.	\boxtimes	Statement of Small Entity Status, Pursuant to 37 C.F.R. §1.27.									
16. Calculation of Fees:											
	# / / 1	FEES FOR	TOTAL CLAIMS	EXCESS CLAIMS	FEE	AMOUNT DUE					
Basic Filing Fee (37 C.F.R. § 1.16(a))											
		Excess of 20 (37 C.F.R. § 1.16(c))	75	55	\$18.00	\$990.00					
		aims in Excess of 3 (37 C.F.R. § 1.16(b))	6	3	\$84.00	\$252.00					
		ndent Claims (37 C.F.R. § 1.16(d))	No		\$280.00	0					
		g Fee Due				\$1,992.00					
A Company of the Company	Service Manager of the Control of th	0%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28)	MI	JLTIPLY BY 0.	50	\$996.00					
		NG FEE DUE				\$996.00					
-		cordation Fee (if applicable) (37 C.F.R. § 1.21(h))	0		\$40.00	0					
GRAN	TOT DE	AL DUE				\$996.00					
17.											
18.	All co	rrespondence for the attached application should	d be directed t	o:							
		Kathleen Williams									
		Customer Number 29933 111 Huntington Avenue									
19.	Other:										
		Respectfully submitted,									
Date:	te: June 20, 2003 By: Name: Kathleen Williams Registration No.: 34,380										

19781/2042 Atty. Docket No.:

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Slepnev Application of:

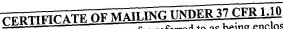
Serial No.:

Not yet assigned June 20, 2003

Filed: Entitled:

"Methods of Detecting Sequence

Differences"



I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, Express Mail Label No. EV241829937US on this date, June 20, 2003, postage prepaid, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Kathleen Williams

Name of Person Mailing Paper

Signature of Person Mailing Paper

Mail Stop Patent Application **Commissioner for Patents** P.O. Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

- New Patent Application Transmittal; 1.
- Patent Application, (58 pages); 2.
- Two (2) sheets of informal drawings of Figs 1-2; 3.
- Application Data Sheet; 4.
- Paper Copy of the Sequence Listing; 5.
- Computer Readable Copy of the Sequence Listing; 6.
- Statement Under 37 C.F.R. §1.821(f) and (g); 7.
- Check in the amount of \$996.00 for the requisite filing fee; and 8.
- Return Post Card. 9.

Pursuant to 37 C.F.R. § 1.27, Applicant claims small entity status.

The Commissioner for Patents is hereby authorized to charge any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference No. 19781/2042. A duplicate of this transmittal letter is enclosed for this purpose.

Date: June 20, 2003

Respectfully submitted,

Name: Kathleen Williams Registration No.: 34,380 Customer No.: 29933 Palmer & Dodge LLP 111 Huntington Avenue Boston, MA 02199-7613

Tel: 617-239-0100